

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:

10/537,731A

Source:

TFW

Date Processed by STIC:

3/1/07

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 03/01/2007

PATENT APPLICATION: US/10/537,731A

TIME: 10:25:01

Input Set : F:\3874 PTUS sequence listing b.txt

Output Set: N:\CRF4\03012007\J537731A.raw

3 <110> APPLICANT: SALIMBENI, Aldo et al
 5 <120> TITLE OF INVENTION: Process for the preparation of bicyclic hexa-peptide
 nepadutant
 7 <130> FILE REFERENCE: 3874PTUS
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/537,731A
 C--> 9 <141> CURRENT FILING DATE: 2005-06-06
 9 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/013696
 10 <151> PRIOR FILING DATE: 2003-12-04
 12 <150> PRIOR APPLICATION NUMBER: FI2002A000239
 13 <151> PRIOR FILING DATE: 2002-06-12
 15 <160> NUMBER OF SEQ ID NOS: 11
 17 <170> SOFTWARE: PatentIn version 3.3
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 5
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Artificial Sequence
 W--> 23 <220> FEATURE:
 24 <223> OTHER INFORMATION: pentapeptide
 W--> 27 <220> FEATURE:
 28 <221> NAME/KEY: BINDING
 29 <222> LOCATION: (1)..(1)
 30 <223> OTHER INFORMATION: Asp is bound to a benzyloxycarbonyl group
 W--> 32 <220> FEATURE:
 33 <221> NAME/KEY: MISC_FEATURE
 34 <222> LOCATION: (4)..(4)
 35 <223> OTHER INFORMATION: X is Dpr (i.e. 2,3-diaminopropionic acid)
 W--> 37 <220> FEATURE:
 38 <221> NAME/KEY: MOD_RES
 39 <222> LOCATION: (5)..(5)
 40 <223> OTHER INFORMATION: METHYLATION
 42 <400> SEQUENCE: 1
 W--> 44 Asp Trp Phe Xaa Leu
 45 1 5
 48 <210> SEQ ID NO: 2
 49 <211> LENGTH: 5
 50 <212> TYPE: PRT
 51 <213> ORGANISM: Artificial Sequence
 53 <220> FEATURE:
 54 <223> OTHER INFORMATION: cyclic pentapeptide
 57 <220> FEATURE:
 58 <221> NAME/KEY: BINDING
 59 <222> LOCATION: (1)..(1)
 60 <223> OTHER INFORMATION: Asp is bound to a benzyloxycarbonyl group
 62 <220> FEATURE:

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63 <221> NAME/KEY: SITE
64 <222> LOCATION: (1)..(4)
65 <223> OTHER INFORMATION: Asp and Dpr are bound together to form a cycle
67 <220> FEATURE:
68 <221> NAME/KEY: MISC_FEATURE
69 <222> LOCATION: (4)..(4)
70 <223> OTHER INFORMATION: X is Dpr (i.e. 2,3-diaminopropionic acid)
72 <220> FEATURE:
73 <221> NAME/KEY: MOD_RES
74 <222> LOCATION: (5)..(5)
75 <223> OTHER INFORMATION: METHYLATION
77 <400> SEQUENCE: 2
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      80 1      5
      83 <210> SEQ ID NO: 3
      84 <211> LENGTH: 5
      85 <212> TYPE: PRT
      86 <213> ORGANISM: Artificial Sequence
      88 <220> FEATURE:
      89 <223> OTHER INFORMATION: cyclic pentapeptide
      92 <220> FEATURE:
      93 <221> NAME/KEY: BINDING
      94 <222> LOCATION: (1)..(1)
      95 <223> OTHER INFORMATION: Asp is bound to a benzyloxycarbonyl group
      97 <220> FEATURE:
      98 <221> NAME/KEY: SITE
      99 <222> LOCATION: (1)..(4)
     100 <223> OTHER INFORMATION: Asp and Dpr are bound together to form a cycle
     102 <220> FEATURE:
     103 <221> NAME/KEY: MISC_FEATURE
     104 <222> LOCATION: (4)..(4)
     105 <223> OTHER INFORMATION: X is Dpr (i.e. 2,3-diaminopropionic acid)
     107 <400> SEQUENCE: 3
W--> 109 Asp Trp Phe Xaa Leu
      110 1      5
      113 <210> SEQ ID NO: 4
      114 <211> LENGTH: 6
      115 <212> TYPE: PRT
      116 <213> ORGANISM: Artificial Sequence
      118 <220> FEATURE:
      119 <223> OTHER INFORMATION: cyclic hexapeptide
      122 <220> FEATURE:
      123 <221> NAME/KEY: BINDING
      124 <222> LOCATION: (1)..(1)
      125 <223> OTHER INFORMATION: Asp is bound to a benzyloxycarbonyl group and to a tert-
butyl
      126      group
      128 <220> FEATURE:
      129 <221> NAME/KEY: SITE
      130 <222> LOCATION: (2)..(5)

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131 <223> OTHER INFORMATION: Asp and Dpr are bound together to form a cycle
133 <220> FEATURE:
134 <221> NAME/KEY: MISC_FEATURE
135 <222> LOCATION: (5)..(5)
136 <223> OTHER INFORMATION: X is Dpr (i.e. 2,3-aminopropionic acid)
138 <400> SEQUENCE: 4
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144 <210> SEQ ID NO: 5
145 <211> LENGTH: 6
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: bicyclic hexapeptide
153 <220> FEATURE:
154 <221> NAME/KEY: SITE
155 <222> LOCATION: (1)..(6)
156 <223> OTHER INFORMATION: Asp and Leu are bound together to form a cycle
158 <220> FEATURE:
159 <221> NAME/KEY: BINDING
160 <222> LOCATION: (1)..(1)
161 <223> OTHER INFORMATION: Asp is bound to a tert-butyl group
163 <220> FEATURE:
164 <221> NAME/KEY: SITE
165 <222> LOCATION: (2)..(4)
166 <223> OTHER INFORMATION: Asp and Dpr are bound together to form a cycle
168 <220> FEATURE:
169 <221> NAME/KEY: MISC_FEATURE
170 <222> LOCATION: (5)..(5)
171 <223> OTHER INFORMATION: X is Dpr (i.e. 2,3-diaminopropionic acid)
173 <400> SEQUENCE: 5
W--> 175 Asp Asp Trp Phe Xaa Leu
      176 1      5
179 <210> SEQ ID NO: 6
180 <211> LENGTH: 6
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: bicyclic hexapeptide
188 <220> FEATURE:
189 <221> NAME/KEY: SITE
190 <222> LOCATION: (1)..(6)
191 <223> OTHER INFORMATION: Asp and Leu are bound together to form a cycle
193 <220> FEATURE:
194 <221> NAME/KEY: SITE
195 <222> LOCATION: (2)..(5)
196 <223> OTHER INFORMATION: Asp and Dpr are bound together to form a cycle
198 <220> FEATURE:
199 <221> NAME/KEY: MISC_FEATURE

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200 <222> LOCATION: (5)..(5)
201 <223> OTHER INFORMATION: X is Dpr (i.e. 2,3-diaminopropionic acid)
203 <400> SEQUENCE: 6
W--> 205 Asp Asp Trp Phe Xaa Leu
      206 1      5
209 <210> SEQ ID NO: 7
210 <211> LENGTH: 6
211 <212> TYPE: PRT
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: bicyclic glycopeptide
218 <220> FEATURE:
219 <221> NAME/KEY: SITE
220 <222> LOCATION: (1)..(6)
221 <223> OTHER INFORMATION: Asp and Leu are bound together to form a cycle
223 <220> FEATURE:
224 <221> NAME/KEY: CARBOHYD
225 <222> LOCATION: (1)..(1)
226 <223> OTHER INFORMATION: Asp is bound to
227      2-acetamide-3,4,6-tri-O-acetyl-2-deoxy-beta-D-glucopyranosylamine
229 <220> FEATURE:
230 <221> NAME/KEY: SITE
231 <222> LOCATION: (2)..(5)
232 <223> OTHER INFORMATION: Asp and Dpr are bound together to form a cycle
234 <220> FEATURE:
235 <221> NAME/KEY: MISC_FEATURE
236 <222> LOCATION: (5)..(5)
237 <223> OTHER INFORMATION: X is Dpr (i.e. 2,3-diaminopropionic acid)
239 <400> SEQUENCE: 7
W--> 241 Asp Asp Trp Phe Xaa Leu
      242 1      5
245 <210> SEQ ID NO: 8
246 <211> LENGTH: 6
247 <212> TYPE: PRT
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: bicyclic glycopeptide
254 <220> FEATURE:
255 <221> NAME/KEY: SITE
256 <222> LOCATION: (1)..(6)
257 <223> OTHER INFORMATION: Asp and Leu are bound together to form a cycle
259 <220> FEATURE:
260 <221> NAME/KEY: CARBOHYD
261 <222> LOCATION: (1)..(1)
262 <223> OTHER INFORMATION: Asp is bound to 2-acetamide-2-deoxy-beta-D-
glucopyranosylamine
264 <220> FEATURE:
265 <221> NAME/KEY: SITE
266 <222> LOCATION: (2)..(5)
267 <223> OTHER INFORMATION: Asp and Dpr are bound together to form a cycle

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DATE: 03/01/2007

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Input Set : F:\3874 PTUS sequence listing b.txt

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269 <220> FEATURE:
270 <221> NAME/KEY: MISC_FEATURE
271 <222> LOCATION: (5)..(5)
272 <223> OTHER INFORMATION: X is Dpr (i.e. 2,3-diaminopropionic acid)
274 <400> SEQUENCE: 8
W--> 276 Asp Asp Trp Phe Xaa Leu
      277 1      5
280 <210> SEQ ID NO: 9
281 <211> LENGTH: 4
282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: tetrapeptide
289 <220> FEATURE:
290 <221> NAME/KEY: BINDING
291 <222> LOCATION: (1)..(1)
292 <223> OTHER INFORMATION: Trp is bound to a benzyloxycarbonyl group
294 <220> FEATURE:
295 <221> NAME/KEY: MISC_FEATURE
296 <222> LOCATION: (3)..(3)
297 <223> OTHER INFORMATION: X is Dpr (i.e. 2,3-diaminopropionic acid)
299 <220> FEATURE:
300 <221> NAME/KEY: BINDING
301 <222> LOCATION: (3)..(3)
302 <223> OTHER INFORMATION: Dpr is bound to a tert-butoxycarbonyl group
304 <220> FEATURE:
305 <221> NAME/KEY: MOD_RES
306 <222> LOCATION: (4)..(4)
307 <223> OTHER INFORMATION: METHYLATION
309 <400> SEQUENCE: 9
W--> 311 Trp Phe Xaa Leu
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315 <210> SEQ ID NO: 10
316 <211> LENGTH: 4
317 <212> TYPE: PRT
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: tetrapeptide
324 <220> FEATURE:
325 <221> NAME/KEY: MISC_FEATURE
326 <222> LOCATION: (3)..(3)
327 <223> OTHER INFORMATION: X is Dpr (i.e. 2,3-diaminopropionic acid)
329 <220> FEATURE:
330 <221> NAME/KEY: BINDING
331 <222> LOCATION: (3)..(3)
332 <223> OTHER INFORMATION: Dpr is bound to a tert-butoxycarbonyl group
334 <220> FEATURE:
335 <221> NAME/KEY: MOD_RES
336 <222> LOCATION: (3)..(3)

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/537,731A

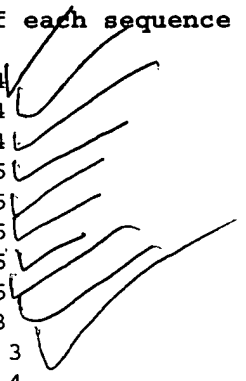
DATE: 03/01/2007
TIME: 10:25:02

Input Set : F:\3874 PTUS sequence listing b.txt
Output Set: N:\CRF4\03012007\J537731A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 4
Seq#:2; Xaa Pos. 4
Seq#:3; Xaa Pos. 4
Seq#:4; Xaa Pos. 5
Seq#:5; Xaa Pos. 5
Seq#:6; Xaa Pos. 5
Seq#:7; Xaa Pos. 5
Seq#:8; Xaa Pos. 5
Seq#:9; Xaa Pos. 3
Seq#:10; Xaa Pos. 3
Seq#:11; Xaa Pos. 4



VERIFICATION SUMMARY

DATE: 03/01/2007

PATENT APPLICATION: US/10/537,731A

TIME: 10:25:02

Input Set : F:\3874 PTUS sequence listing b.txt

Output Set: N:\CRF4\03012007\J537731A.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:23 M:283 W: Missing Blank Line separator, <220> field identifier
L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0